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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

MISSION
COVERAGE
STATISTICS

KH-4 MISSION 1117-1

25-27 MAY 1972

Declass Review by NIMA/DOD

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JUNE 1972

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MCS-017/72

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INTRODUCTION

This publication provides preliminary mission data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC Chart Areas, coverage plots, and preliminary data for Mission 1117-1, dated 25-27 May 1972 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame numbers outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

Refer to the Mission Coverage Statistics (MCS) entitled Target Coverage Summary, [redacted] for additional information on Mission 1117-1.

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PRELIMINARY MISSION DATA

Mission Number: 1117-1

Launch Date/Time (GMT): 25 May 1972/1841

Photo Dates (GMT): 26, 27 May 1972

Recovery Date/Time (GMT): 27 May 1972/2125

Operational Photo Passes: 16

Operational Altitude Limits: 87-136 NM

Photo Scale Range: 1:263,768-1:412,760

Operational Ground Coverage (Fwd and Aft):

- a. Linear Nautical Miles 47,952
- b. Square Nautical Miles 6,233,760

Frames:

Operational

Fwd-Looking 3,003

Aft-Looking 2,991

Operational Imagery Footage (Fwd and Aft): 14,667

Anomalies: There were no major camera anomalies; however, the port and starboard horizon images were missing on the following:

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Vehicle Attitude: Normal.

Image Quality: The image quality is good and is similar

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Cloud Free Coverage: 60 percent of the mission is cloud free.

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GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute;

PASS	DATE	CAM ON		CAM OFF	
		HR (Z)	MIN (Z)	HR (Z)	MIN (Z)
5D (1)	26 MAY 1972	02	05	02	06
5D (2)	26 MAY 1972	02	06	02	09
6D (1)	26 MAY 1972	03	30	03	32
6D (2)	26 MAY 1972	03	33	03	37
6D (3)	26 MAY 1972	03	39	03	44
7D (1)	26 MAY 1972	04	59	05	01
7D (2)	26 MAY 1972	05	03	05	05
7D (3)	26 MAY 1972	05	06	05	11
8D (1)	26 MAY 1972	06	27	06	28
8D (2)	26 MAY 1972	06	29	06	31
8D (3)	26 MAY 1972	06	33	06	43
9D (1)	26 MAY 1972	07	57	07	59
9D (2)	26 MAY 1972	08	02	08	06
9D (3)	26 MAY 1972	08	07	08	11
10D (1)	26 MAY 1972	09	28	09	30
10D (2)	26 MAY 1972	09	31	09	36
11D	26 MAY 1972	11	04	11	08
13D (1)	26 MAY 1972	14	22	14	23
13D (2)	26 MAY 1972	14	25	14	26
20D (1)	27 MAY 1972	00	26	00	26
20D (2)	27 MAY 1972	00	43	00	44
20D (3)	27 MAY 1972	00	46	00	47
21D	27 MAY 1972	01	54	01	58
22D (1)	27 MAY 1972	03	25	03	25
22D (2)	27 MAY 1972	03	29	03	33
23D (1)	27 MAY 1972	04	49	04	51
23D (2)	27 MAY 1972	04	52	04	54
23D (3)	27 MAY 1972	04	56	04	57
24D	27 MAY 1972	06	21	06	28
25D (1)	27 MAY 1972	07	51	07	55
25D (2)	27 MAY 1972	07	56	07	57
25D (3)	27 MAY 1972	07	58	08	02
25D (4)	27 MAY 1972	08	10	08	11
26D	27 MAY 1972	09	23	09	25
27D (1)	27 MAY 1972	10	54	10	55
27D (2)	27 MAY 1972	11	00	11	01

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SOUTH AMERICA

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